

|                           |          |                      |                         |                     |                           |
|---------------------------|----------|----------------------|-------------------------|---------------------|---------------------------|
| DATE IN <u>12 June 07</u> | SUSPENSE | W. Sones<br>ENGINEER | 12 June 07<br>LOGGED IN | DHC<br>TYPE<br>3905 | PCLP 0716342607<br>APP NO |
|---------------------------|----------|----------------------|-------------------------|---------------------|---------------------------|

ABOVE THIS LINE FOR DIVISION USE ONLY

## NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



### ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

#### Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]  
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]  
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]  
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]  
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]  
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

#### [1] TYPE OF APPLICATION - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication  
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement  
☒ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify \_\_\_\_\_

#### [2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply

[A] ☐ Working, Royalty or Overriding Royalty Interest Owners  
 [B] ☐ Offset Operators, Leaseholders or Surface Owner  
 [C] ☐ Application is One Which Requires Published Legal Notice  
 [D] ☐ Notification and/or Concurrent Approval by BLM or SLO  
U S Bureau of Land Management - Commissioner of Public Lands, State Land Office  
 [E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,  
 [F] ☐ Waivers are Attached

#### [3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

**Note:** Statement must be completed by an individual with managerial and/or supervisory capacity.

Patsy Clugston

Print or Type Name

*Patsy Clugston*  
 Signature

Regulatory Specialist

Title

6/11/07

Date

clugspl@conocophillips.com  
 e-mail Address

2007 JUN 12 AM 11 45

District I  
1625 N French Drive, Hobbs, NM 88240  
District II  
1301 W Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S St Francis Dr Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-107A  
Revised June 10, 2003

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

APPLICATION TYPE  
☒ Single Well  
☐ Establish Pre-Approved Pools  
EXISTING WELLBORE  
☐ Yes ☒ No

APPLICATION FOR DOWNHOLE COMMINGLING

DHC-3905

Burlington Resources Oil & Gas Company, LP P.O.Box 4289 Farmington, NM 87499  
Operator Address

DECKER 3M Unit D, Sec. 23, 032N, 012W SAN JUAN  
Lease Well No. Unit Letter-Section-Township-Range County

OGRID No: 14538 Property Code 18512 API No. 300453398600 Lease Type: ☐ Federal ☐ State ☒ Fee

| DATA ELEMENT   | UPPER ZONE                                     | INTERMEDIATE ZONE                              | LOWER ZONE                                     |
|--|--|--|--|
| Pool Name  | BLANCO MESAVERDE                               | WC BASIN MANCOS                                | BASIN DAKOTA                                   |
| Pool Code  | 72319  | 97232  | 71599  |
| Top and Bottom of Pay Section<br>(Perforated or Open-Hole Interval)  | 4180'-5200'-<br>Estimated                      | 5400'-7216'-<br>Estimated                      | 7216'-7500'-<br>Estimated                      |
| Method of Production<br>(Flowing or Artificial Lift)   | NEW ZONE                                       | NEW ZONE                                       | NEW ZONE                                       |
| Bottomhole Pressure<br>(Note: Pressure data will not be required if the bottom<br>perforation in the lower zone is within 150% of the<br>depth of the top perforation in the upper zone)       | Current - 450 psi                              | Current - 1800 psi                             | Current - 1800 psi                             |
| Oil Gravity or Gas BTU<br>(Degree API or Gas BTU)  | BTU 1000                                       | BTU 1000                                       | BTU 1000                                       |
| Producing, Shut-In or<br>New Zone  | NEW ZONE                                       | NEW ZONE                                       | NEW ZONE                                       |
| Date and Oil/Gas/Water Rates of<br>Last Production.<br>(Note: For new zones with no production history,<br>applicant shall be required to attach production<br>estimates and supporting data.) | Date: N/A<br>Rates: N/A                        | Date: N/A<br>Rates: N/A                        | Date: N/A<br>Rates: N/A                        |
| Fixed Allocation Percentage<br>(Note: It allocation is based upon something other<br>than current or past production, supporting data or<br>explanation will be required.)                     | Oil Gas<br>Will be supplied upon<br>completion | Oil Gas<br>Will be supplied upon<br>completion | Oil Gas<br>Will be supplied upon<br>completion |

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes ☒ No ☐

If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes ☐ No ☐

Are all produced fluids from all commingled zones compatible with each other? Yes ☒ No ☐

Will commingling decrease the value of production? Yes ☐ No ☒

If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands  
or the United States Bureau of Land Management been notified in writing of this application? Yes ☒ No ☐

NMOCD Reference Case No. applicable to this well: \_\_\_\_\_

Attachments:

- C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- Production curve for each zone for at least one year. (If not available, attach explanation.)
- For zones with no production history, estimated production rates and supporting data.
- Data to support allocation method or formula.
- Notification list of working, royalty and overriding royalty interests for uncommon interest cases.
- Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

- List of other orders approving downhole commingling within the proposed Pre-Approved Pools
- List of all operators within the proposed Pre-Approved Pools
- Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
- Bottomhole pressure data.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Julian Carrillo TITLE Engineer DATE 6/11/2007

TYPE OR PRINT NAME Julian Carrillo, Engineer TELEPHONE NO. (505) 326-9700

E-MAIL ADDRESS Julian.B.Carrillo@conocophillips.com

Decker 3M

Unit D, Section 23, T32N, R12W

The Decker 3M is a Mesaverde, Mancos, and Dakota newdrill. If the Mesaverde, Mancos, and Dakota horizons can be isolated, a separator test will be performed and the allocation will be assigned with results using the subtraction method applied to the rate. In the event that the Mesaverde, Mancos, and Dakota can not be tested separately, a 9-section EUR analysis will be performed to determine the allocation percentages between the Mesaverde, Mancos, and Dakota. All documentation will be submitted to the Aztec NMOCD office.

**District I**

1625 N. French Dr., Hobbs, NM 88240  
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**District II**

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Phone:(505) 748-1283 Fax:(505) 748-9720

**District III**

1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**

1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

Form C-102  
Permit 38777

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

|                               |   |   |
|-------------------------------|---|---|
| 1. API Number<br>30-045-33986 | 2. Pool Code<br>72319   | 3. Pool Name<br>BLANCO-MESAVERDE (PRORATED GAS) |
| 4. Property Code<br>18512     | 5. Property Name<br>DECKER                                    | 6. Well No.<br>003M                             |
| 7. GRID No.<br>14538          | 8. Operator Name<br>BURLINGTON RESOURCES OIL & GAS COMPANY LP | 9. Elevation<br>6180                            |

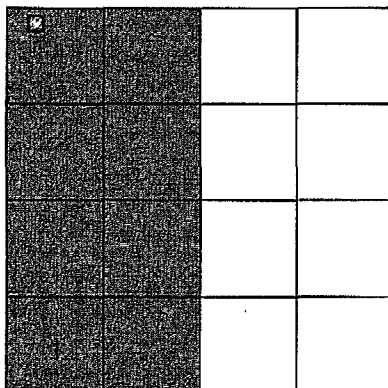
**10. Surface Location**

| UL - Lot | Section | Township | Range | Lot Idn. | Feet From | N/S Line | Feet From | E/W Line | County   |
|----------|---------|----------|-------|----------|-----------|----------|-----------|----------|----------|
| D        | 23      | 32N      | 12W   |          | 205       | N        | 375       | W        | SAN JUAN |

**11. Bottom Hole Location If Different From Surface**

| UL - Lot                      | Section             | Township               | Range         | Lot Idn. | Feet From | N/S Line | Feet From | E/W Line | County |
|-------------------------------|---------------------|------------------------|---------------|----------|-----------|----------|-----------|----------|--------|
| 12. Dedicated Acres<br>320.00 | 13. Joint or Infill | 14. Consolidation Code | 15. Order No. |          |           |          |           |          |        |

**NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION**

**OPERATOR CERTIFICATION**

*I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.*

E-Signed By: Juanita Farrell

Title: Regulatory Specialist

Date: 11/9/2006

**SURVEYOR CERTIFICATION**

*I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.*

Surveyed By: Glen W. Russell

Date of Survey: 9/15/2006

Certificate Number: 15703

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Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**

**Oil Conservation Division**

**1220 S. St Francis Dr.**

**Santa Fe, NM 87505**

Form C-102  
Permit 54142

**RCUD MAY25'07**  
**OIL CONS. DIV.**  
**DIST. 3**

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

|                                      |  |  |
|--------------------------------------|--|--|
| 1. API Number<br><b>30-045-33986</b> | 2. Pool Code<br><b>97232</b>   | 3. Pool Name<br><b>WC BASIN MANCOS</b> |
| 4. Property Code<br><b>18512</b>     | 5. Property Name<br><b>DECKER</b>  | 6. Well No.<br><b>003M</b>             |
| 7. OGRID No.<br><b>14538</b>         | 8. Operator Name<br><b>BURLINGTON RESOURCES OIL &amp; GAS COMPANY LP</b> | 9. Elevation<br><b>6180</b>            |

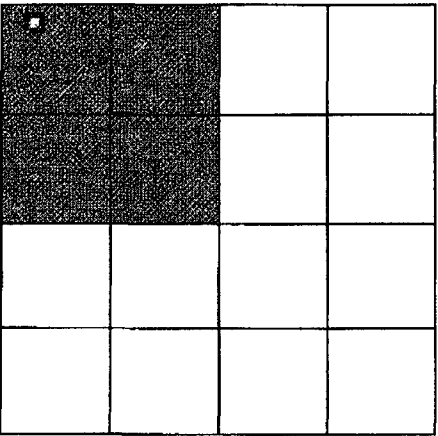
**10. Surface Location**

|                      |                      |                        |                     |                    |                         |                      |                         |                      |                           |
|----------------------|----------------------|------------------------|---------------------|--------------------|-------------------------|----------------------|-------------------------|----------------------|---------------------------|
| UL - Lot<br><b>D</b> | Section<br><b>23</b> | Township<br><b>32N</b> | Range<br><b>12W</b> | Lot Idn<br><b></b> | Feet From<br><b>205</b> | N/S Line<br><b>N</b> | Feet From<br><b>375</b> | E/W Line<br><b>W</b> | County<br><b>SAN JUAN</b> |
|----------------------|----------------------|------------------------|---------------------|--------------------|-------------------------|----------------------|-------------------------|----------------------|---------------------------|

**11. Bottom Hole Location If Different From Surface**

|                                      |                    |                                |                  |                                   |                      |                          |                      |                     |                   |
|--------------------------------------|--------------------|--------------------------------|------------------|-----------------------------------|----------------------|--------------------------|----------------------|---------------------|-------------------|
| UL - Lot<br><b></b>                  | Section<br><b></b> | Township<br><b></b>            | Range<br><b></b> | Lot Idn<br><b></b>                | Feet From<br><b></b> | N/S Line<br><b></b>      | Feet From<br><b></b> | E/W Line<br><b></b> | County<br><b></b> |
| 12. Dedicated Acres<br><b>160.00</b> |                    | 13. Joint or Infill<br><b></b> |                  | 14. Consolidation Code<br><b></b> |                      | 15. Order No.<br><b></b> |                      |                     |                   |

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|   |   |
|---|---|
|  | <p align="center"><b>OPERATOR CERTIFICATION</b></p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i></p> <p>E-Signed By: <i>Patsy Clugst</i><br/>Title: <i>Regulatory Specialist</i><br/>Date: <i>5/24/07</i></p> |
|   | <p align="center"><b>SURVEYOR CERTIFICATION</b></p> <p><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i></p> <p>Surveyed By: <i>Glen W Russell</i><br/>Date of Survey: <i>9/15/2006</i><br/>Certificate Number: <i>15703</i></p>   |

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Form C-102  
Permit 38777

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

|                               |   |   |
|-------------------------------|---|---|
| 1. API Number<br>30-045-33986 | 2. Pool Code<br>71599   | 3. Pool Name<br>BASIN DAKOTA (PRORATED GAS) |
| 4. Property Code<br>18512     | 5. Property Name<br>DECKER                                    | 6. Well No.<br>003M                         |
| 7. OGRD No.<br>14538          | 8. Operator Name<br>BURLINGTON RESOURCES OIL & GAS COMPANY LP | 9. Elevation<br>6180                        |

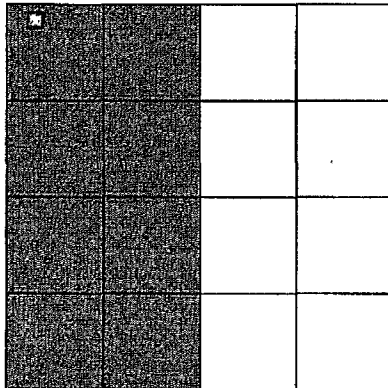
**10. Surface Location**

|               |               |                 |              |         |           |          |           |          |          |
|---------------|---------------|-----------------|--------------|---------|-----------|----------|-----------|----------|----------|
| UL - Lot<br>D | Section<br>23 | Township<br>32N | Range<br>12W | Lot Ltn | Feet From | N/S Line | Feet From | E/W Line | County   |
|               |               |                 |              |         | 205       | N        | 375       | W        | SAN JUAN |

**11. Bottom Hole Location If Different From Surface**

|                               |                     |          |       |                        |           |          |               |          |        |
|-------------------------------|---------------------|----------|-------|------------------------|-----------|----------|---------------|----------|--------|
| UL - Lot                      | Section             | Township | Range | Lot Ltn                | Feet From | N/S Line | Feet From     | E/W Line | County |
| 12. Dedicated Acres<br>320.00 | 13. Joint or Infill |          |       | 14. Consolidation Code |           |          | 15. Order No. |          |        |

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E-Signed By: Juanita Farrell  
Title: Regulatory Specialist  
Date: 11/9/2006

**SURVEYOR CERTIFICATION**

*I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.*

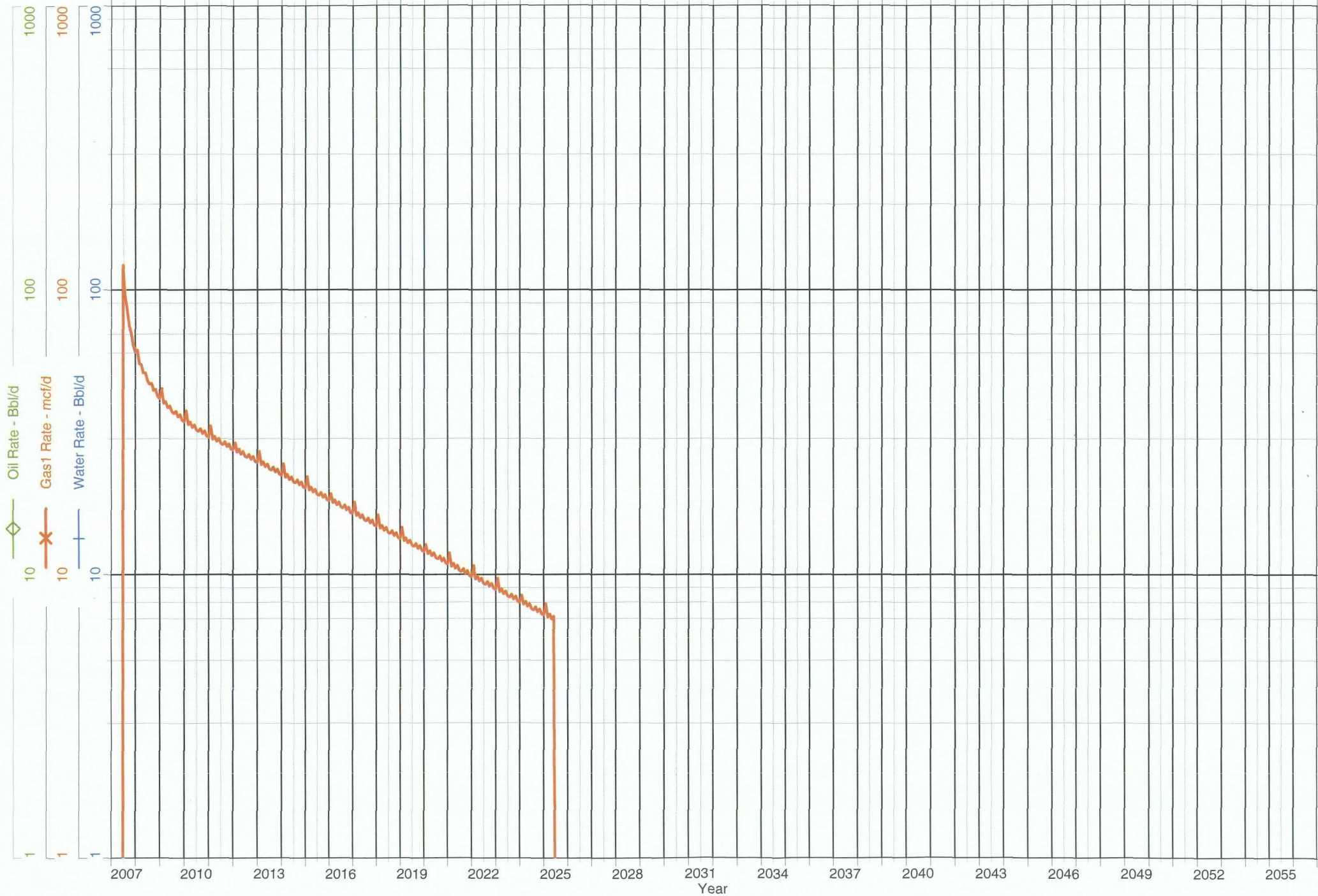
Surveyed By: Glen W. Russell  
Date of Survey: 9/15/2006  
Certificate Number: 15703

# DECKER 3M MC      Data: Jun.2007-Jun.2007

Operator:  
Field:  
Zone:  
Type: Other  
Group: None

No  
Active  
Forecast

Production Cums  
Oil: 0 MSTB  
Gas: 0 MMSCF  
Water: 0 MSTB  
Cond: 0 MSTB



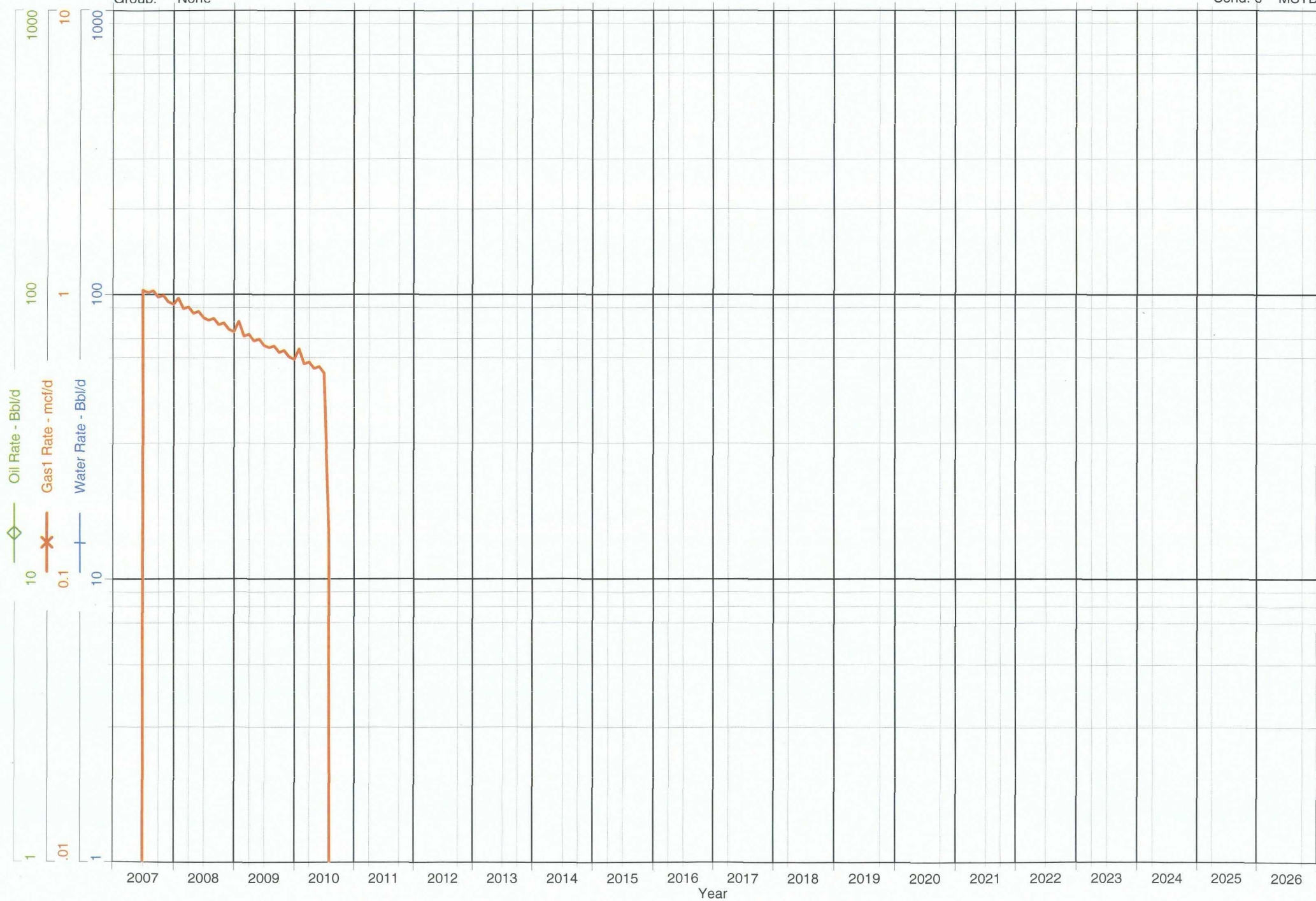


# DECKER 3M MV Data: Jun.2007-Jun.2007

Operator:  
Field:  
Zone:  
Type: Other  
Group: None

No  
Active  
Forecast

Production Cums  
Oil: 0 MSTB  
Gas: 0 MMSCF  
Water: 0 MSTB  
Cond: 0 MSTB





DECKER 3M DK

Data: Jun.2007-Jun.2007

Operator:

Field:

Zone:

Type: Other

Group: None

No  
Active  
Forecast

Production Cums

Oil: 0 MSTB

Gas: 0 MMSCF

Water: 0 MSTB

Cond: 0 MSTB

